

## Comprehensive coherent test solutions

### OIF interoperability demos booth #1323

#### 800ZR optics

Coherent transceivers have become indispensable in long-haul data center and metro applications. Amidst the rapid pace of technological progress, coherent optics are also advancing, exemplified recently by the significant leap to 800ZR. This transition represents a crucial milestone in the development of high-speed communication networks, offering unprecedented levels of bandwidth and performance. EXFO's FTBx-88800 test solution now supports 800ZR optics, making it the first portable test solution to support this cutting-edge technology, and the ideal choice for R&D and lab applications.

Supports:

800ZR (QSFP-DD, OSFP)



Learn more  
about EXFO's  
FTBx-88800



#### 400ZR and 400G OpenZR+ optics

At its most basic, coherent optical technology utilizes low-cost standard optics transmitting 400G Ethernet over very long distances using DWDM and higher modulation schemes such as quadrature amplitude modulation (e.g., 8QAM and 16QAM). These transceivers are very popular for DCI and metro applications, which will be demonstrated at the OIF booth. The interop demo includes EXFO's FTBx-88460 featuring its unique Open Transceiver System (OTS) supporting OSFP, QSFP-DD and CFP2-DCO for client and DCO applications. The interop also features EXFO's FTBx-88480 Series supporting dual QSFP-DD and OSFP.



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Learn more  
about EXFO's  
FTBx-88480

### Common Management Interface Specification (CMIS)

CMIS addresses host-to-module communication management that allows compliant modules to provide a set of management operations.

The OIF CMIS demo will show interoperability between CMIS compliant modules. EXFO's 400G BERT FTBx-88460 is used to show module state machine and service awareness. The intuitive interface of EXFO solutions allows users to seamlessly select any CMIS application, including custom transceiver applications.



Learn more about EXFO's FTBx-88460



### CEI-112G

The Common Electrical IO (CEI) performance objective for 112 Gbit/s very short-reach chip-to-module electrical channel BER is very demanding. The primary challenge lies in maintaining low power consumption while utilizing cost-effective materials, all while ensuring a high-quality signal.

The CEI-112G performance will be presented at the OIF booth. This demonstration showcases EXFO's top-tier electro-optical validation solutions for 800G applications, including LPO transceiver validation.



Learn more about EXFO's BA-4000 BER tester

